

A B S T R A C T

The present invention relates to an electric rotary machine comprising:

- 5 - a casing of elongate shape;
- a rotor having a shaft capable of turning inside the casing about an axis of rotation; and
- a fan rotated by the rotor;

10 wherein the casing includes at least one air inlet grid and at least one air outlet grid, both of which are made integrally with the casing.